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PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/619722
Filing Date	July 15, 2003
First Named Inventor	Thomas Allan Barber Et. Al.
Art Unit	1711
Examiner Name	
Attorney Docket Number	PT0060USNA

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
MC		US- 2,788,332	04-09-1957	Muller, et al.	
		US- 4,411,949	10-25-1983	Snider, et al.	
		US- 4,442,237	04-10-1984	Zimmerman, et al.	
		US- 4,444,918	04-24-1984	Brennan	
		US- 4,468,480	08-28-1984	Barda	
		US- 4,568,717	02-04-1986	Speranza, et al.	
		US- 4,642,319	02-10-1987	McDaniel	
		US- 4,681,903	07-21-1987	Haas, et al.	
		US- 4,714,717	12-22-1987	Londrigan, et al.	
		US- 4,720,571	01-19-1988	Trowell	
		US- 4,751,251	06-14-1988	Thornsberry	
		US- 4,753,967	06-28-1988	Londrigan	
		US- 4,760,100	07-26-1988	McDaniel	
		US- 4,791,148	12-13-1988	Riley, et al.	
		US- 4,897,431	01-30-1990	Scherzer, et al.	
		US- 4,902,816	02-20-1990	McDaniel	
		US- 5,360,900	11-01-1994	DeLeon, et al.	
		US- 5,948,828	09-07-1999	Reck	
		US- 6,133,329	10-17-2000	Shieh, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
MC		GB 1 592 534	07-08-1981	BASF Aktiengesellschaft		
		DE 3131203 A1	04-29-1982	Stresinka J...		
		EP 0 235 888 A1	09-09-1987	Imperial Chem Ind PLC		
		DE 2110278	03-01-1972	Takeda Chem Ind Ltd		
		JP 2002 047329	02-12-2002	Mitsui Chem Inc		
		EP 1 000 956 A1	05-17-2000	Oxid, L.P.		

Examiner
Signature

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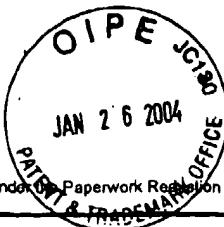
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Examiner Name					
Sheet	2	of	2	Attorney Docket Number	PT0060USNA

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MC		PCT International Search Report, International application No. PCT/US 03/22128 dated 11/20/2003	<input type="checkbox"/>
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